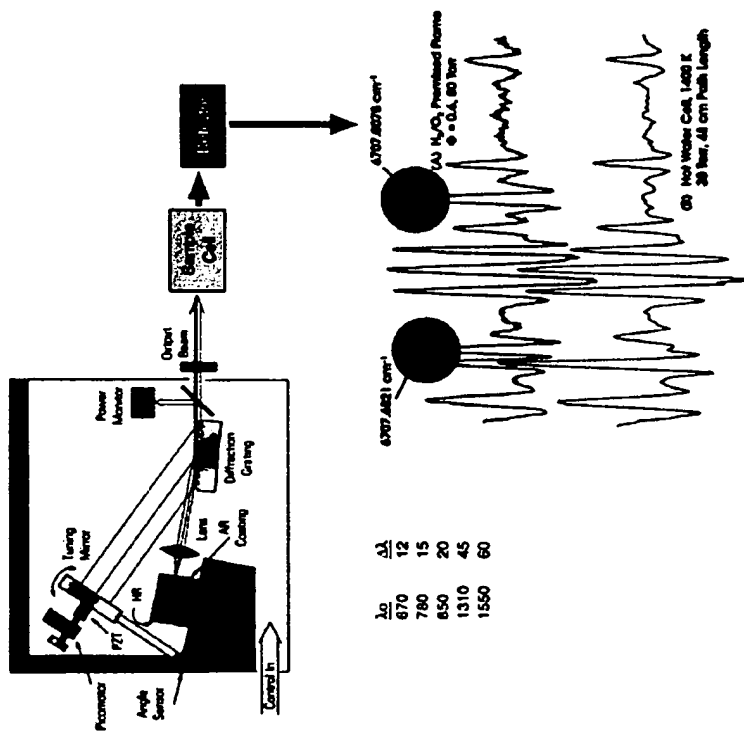


Figure 1
(prior art)



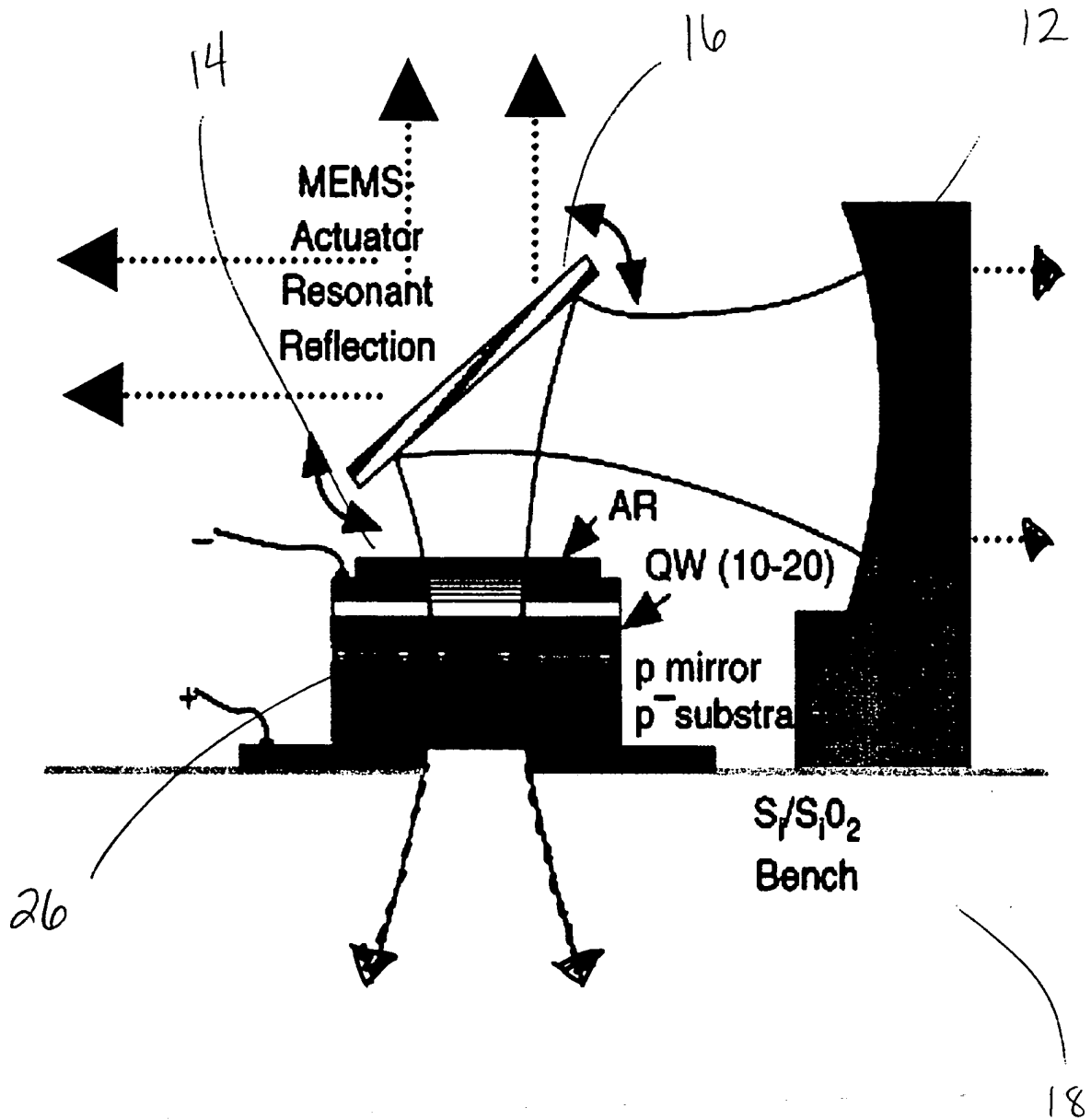


Figure 2

FIG. 3

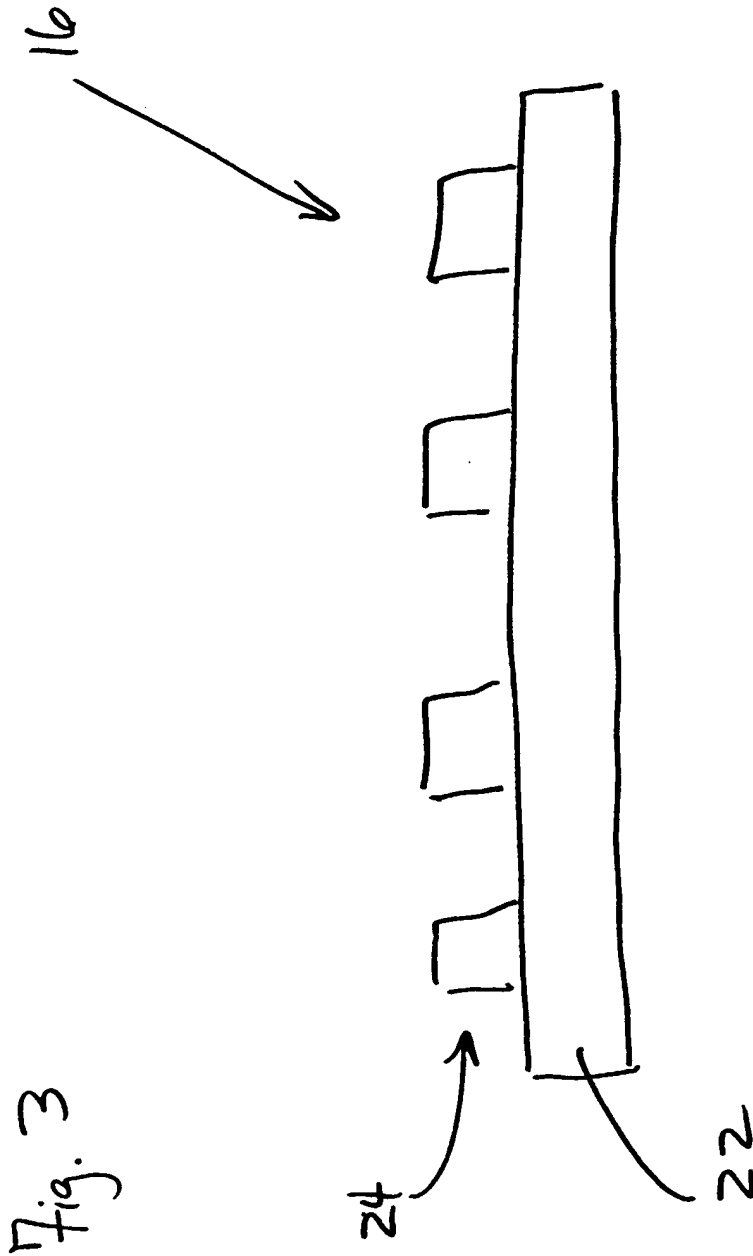


Fig. 4

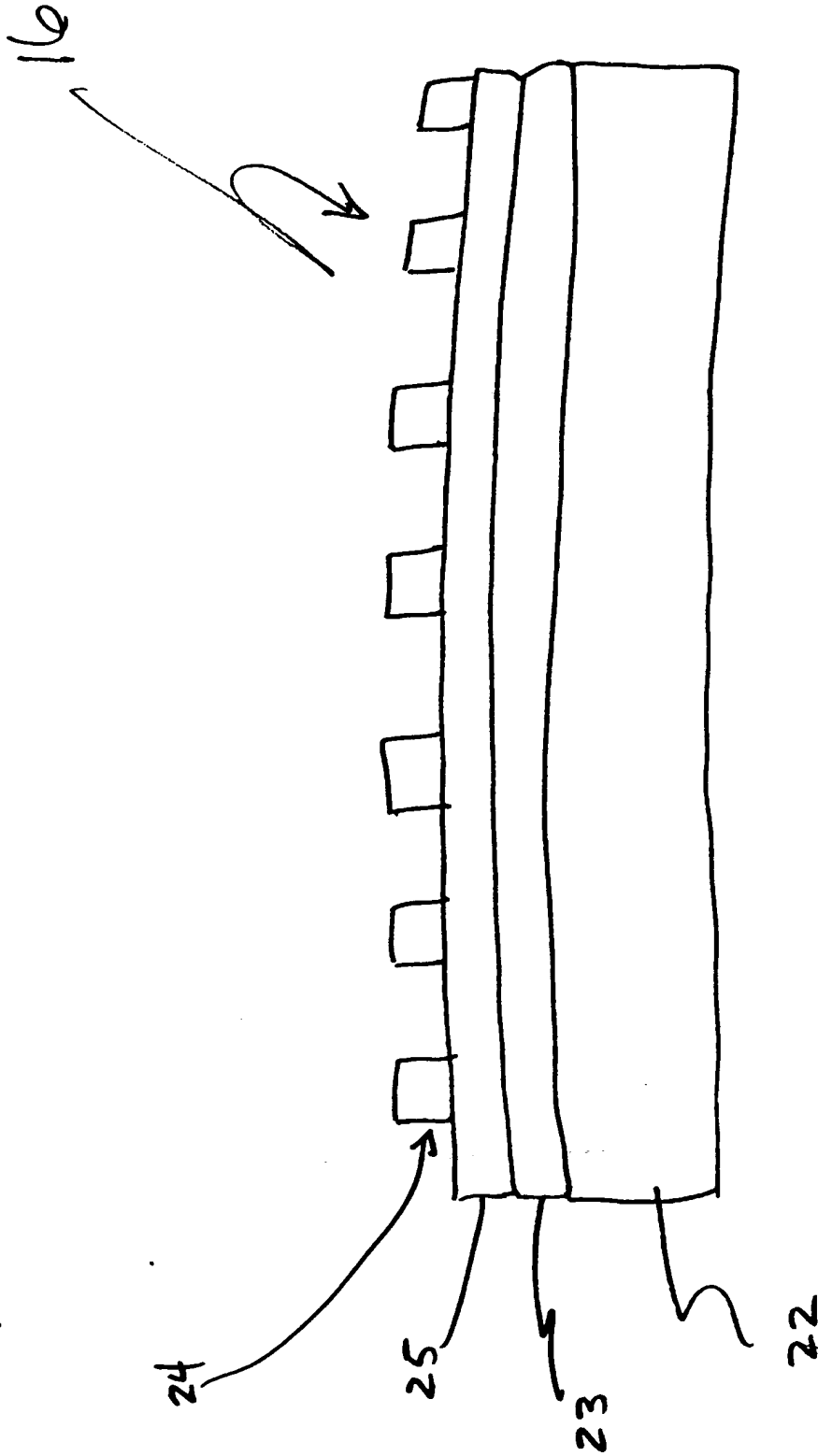


FIG. 4

716.5

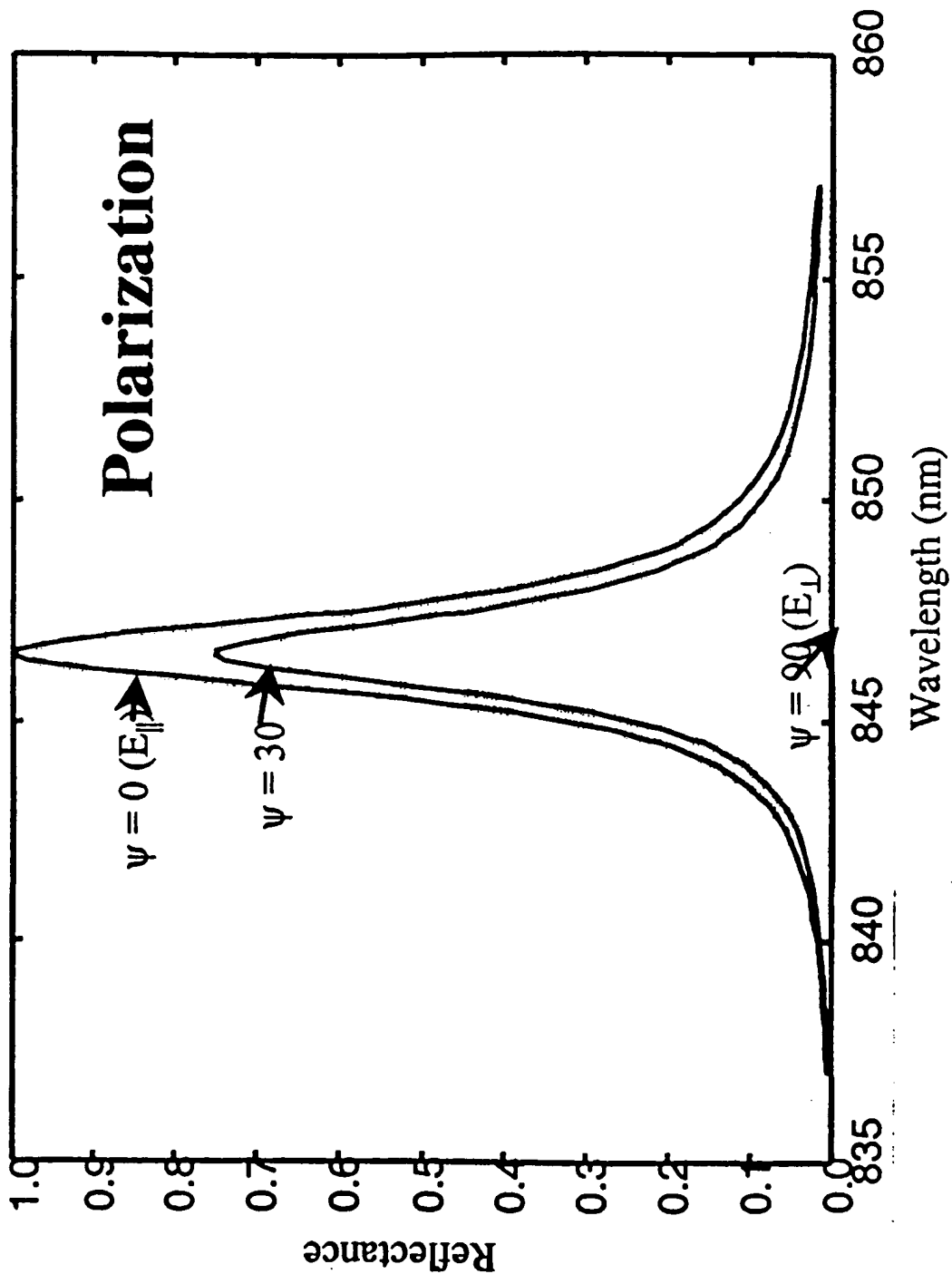


Fig. 6

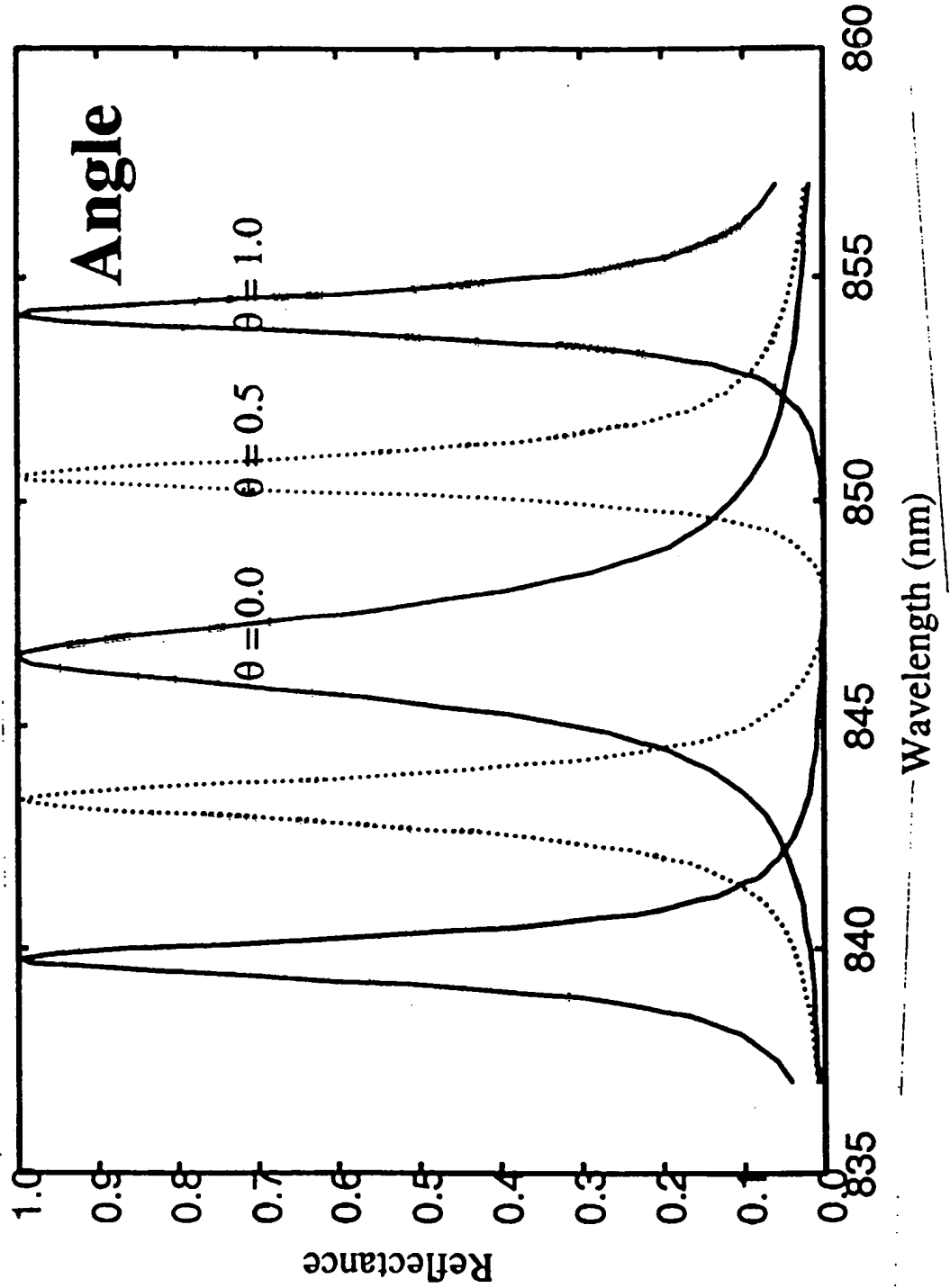


FIG. 6 OF 11

FIG. 7

$$\Delta\lambda \sim \Delta\epsilon$$

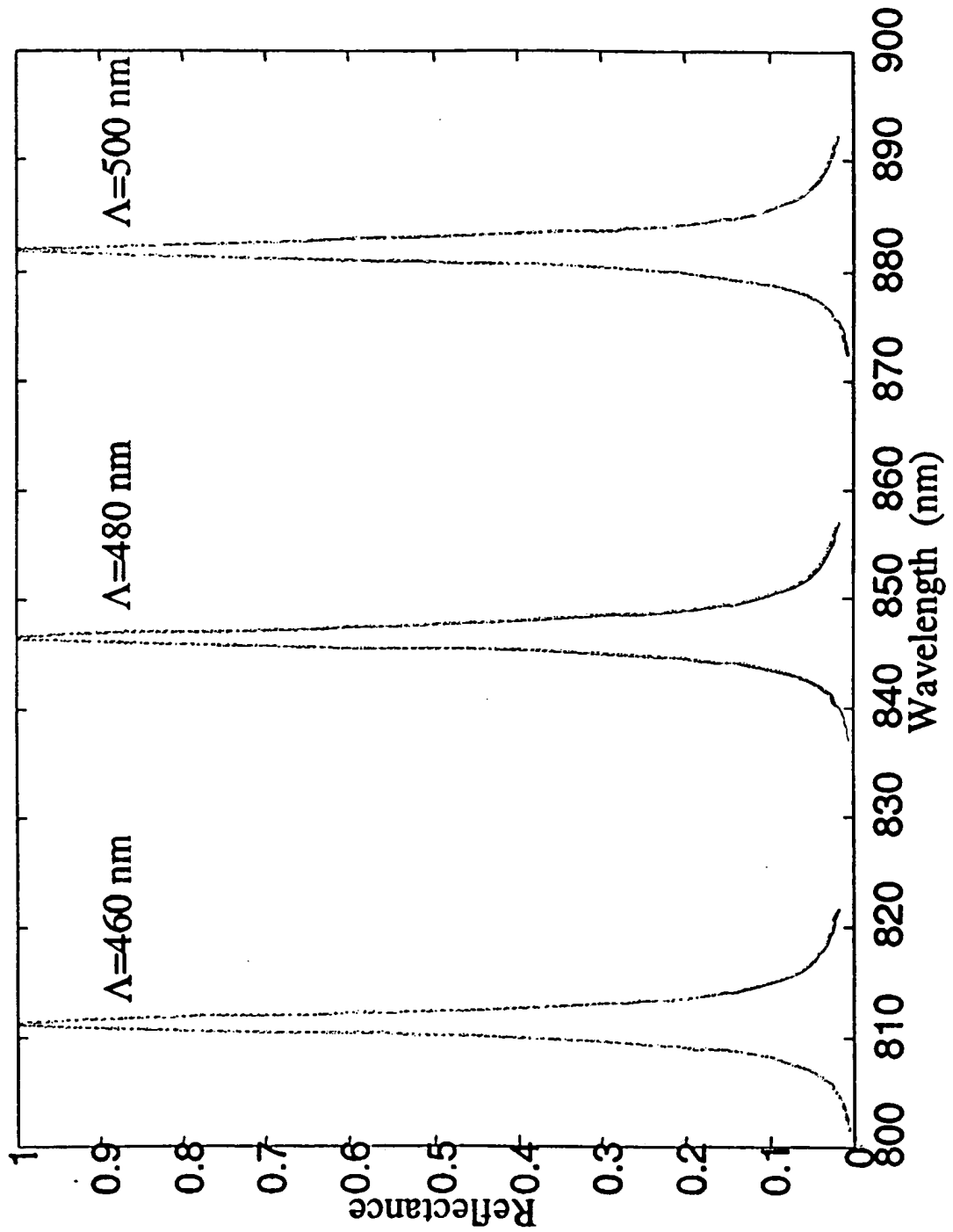


Figure 8

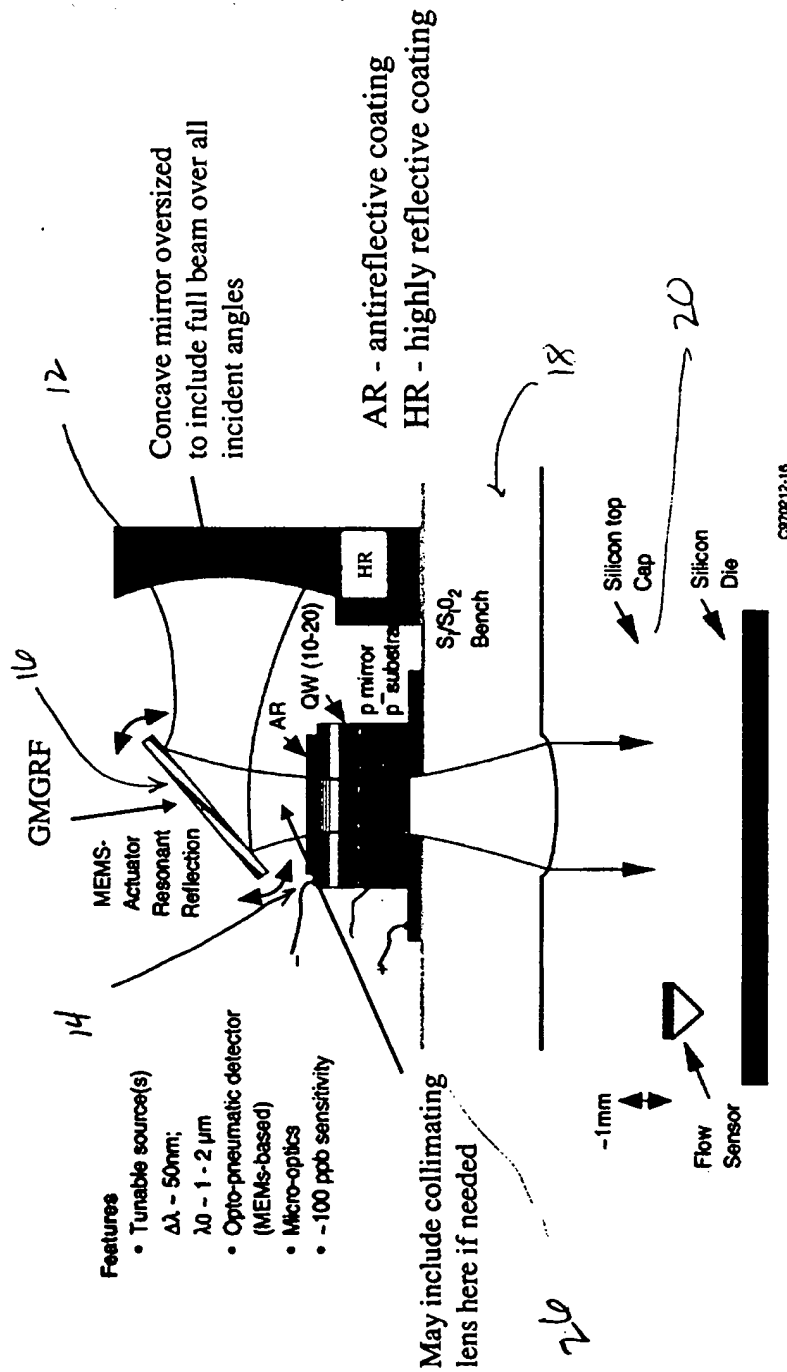
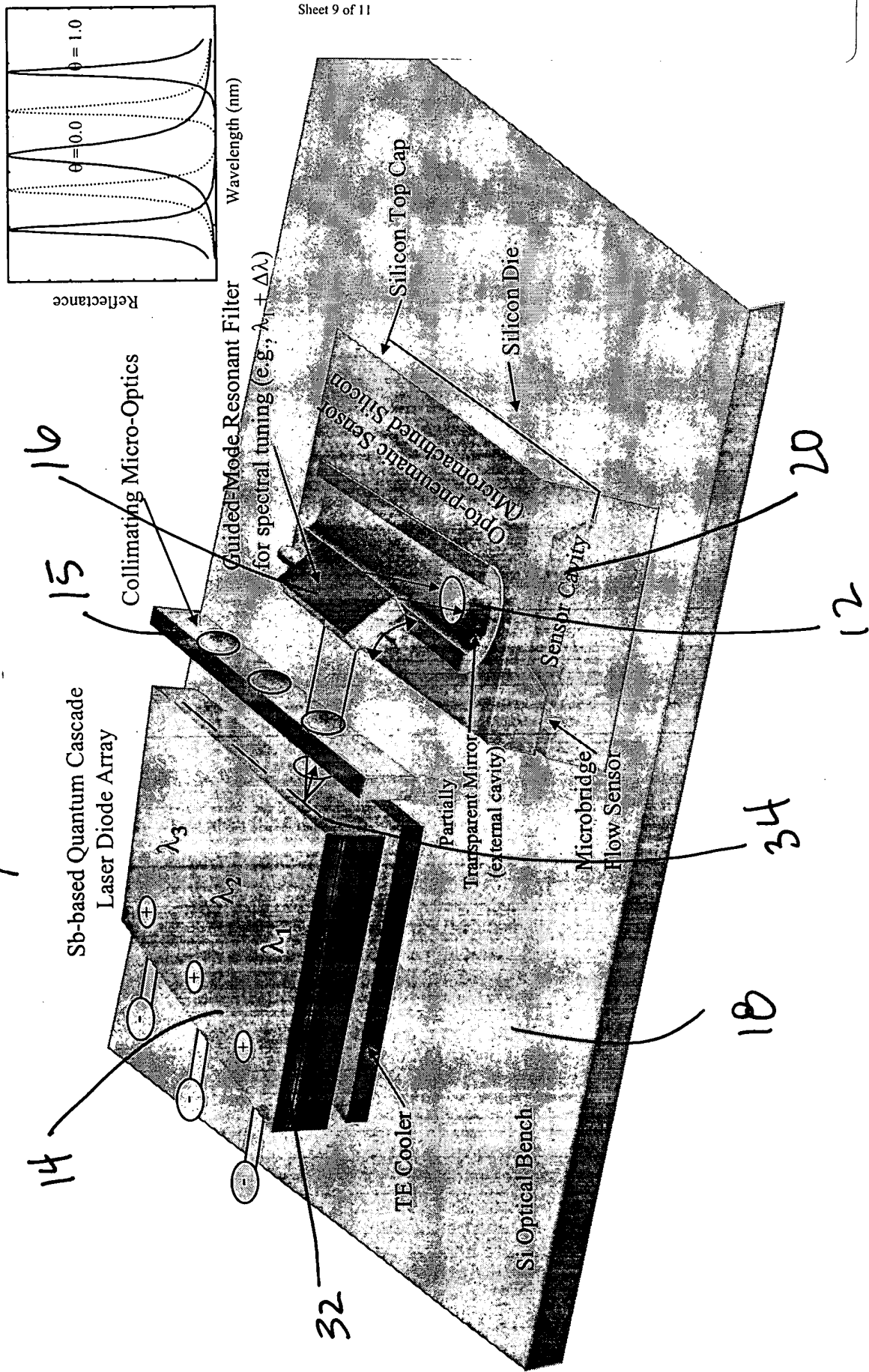


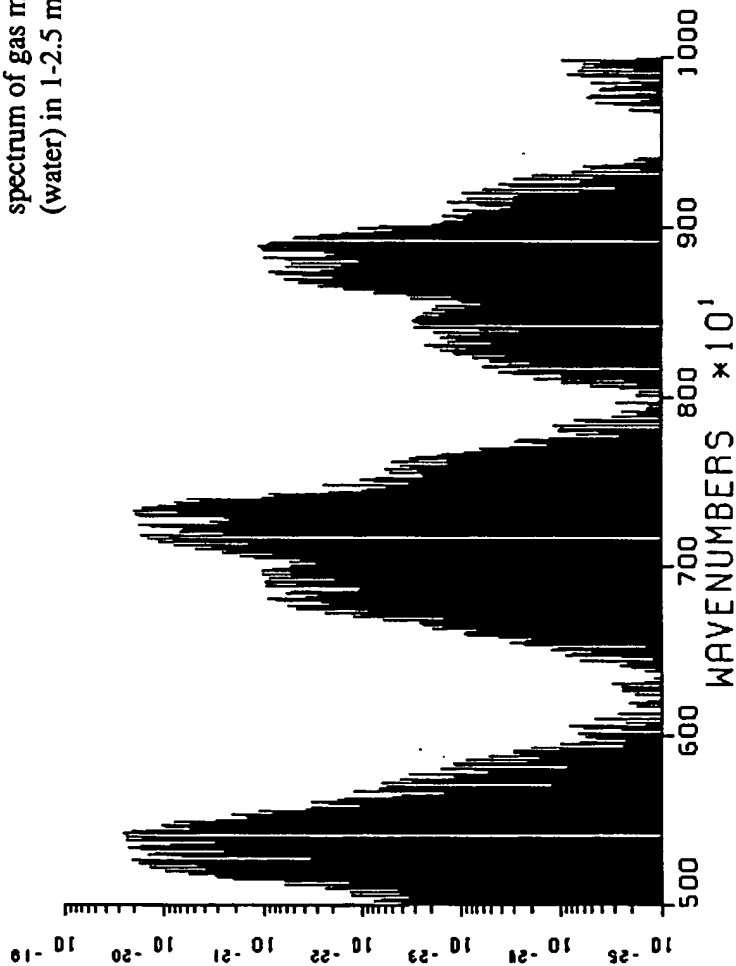
Figure 9



1007010 07028007

Figure 10

Example of absorption
spectrum of gas molecule
(water) in 1-2.5 micron region



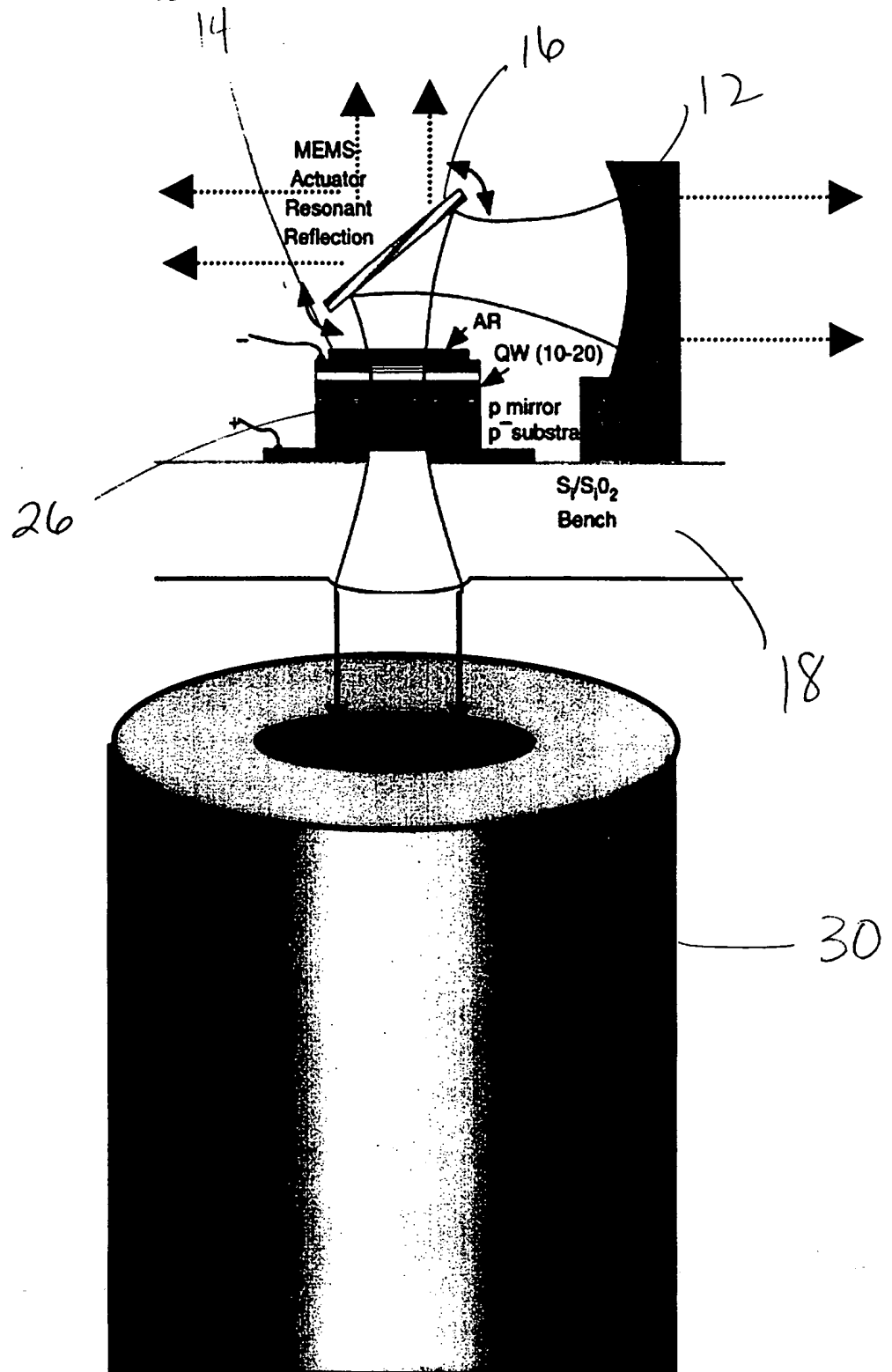


Figure 11

10037010-123401